

NCDOT Prioritization 3.0 Project Summary

SPOT ID: H141684 Mode: Highway Status: Submitted

NC-305

From/Cross Street: Seaboard Town Limits

Specific Improvement Type: 16 - Modernize Roadway

To: Hertford County Line

Project Category: Regional Impact

Length: 24.64

TIP#:

Fully Funded in Draft STIP? No Cost to NCDOT: \$340,000

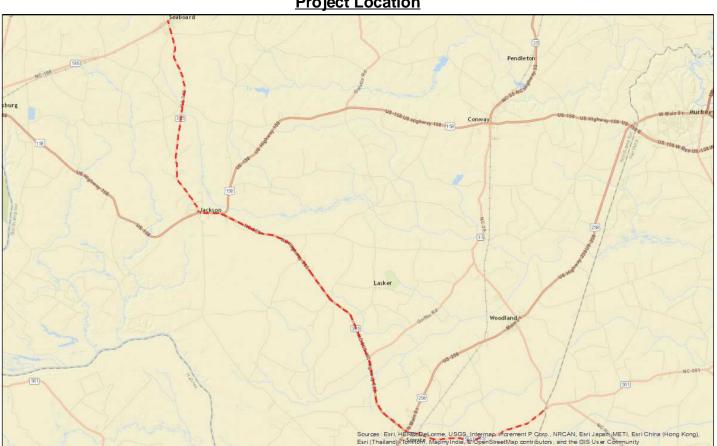
Description:

Currently a 2-lane major thoroughfare from Seaboard to Hertford County, NC 305 is recommended to be upgrade from its existing facility to 24 feet w/ paved shoulders. This would provides improved mobility between Jackson and Rich Square, while tying in with bike lane recommendations.

Division(s): Division 1 County(s): NORTHAMPTON

MPOS(s)/RPO(s): Peanut Belt RPO

Project Location



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Statewide I	Mobility	Total	Score:	0
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Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
	N/A	N/A
Totals: Weight: 0% Weighted Score: 0		

Regional Impact Total Score: 23.93

Quantitative Score		Division Engineer Local Input Points	MPO/RPO Local Input Points
[Travel Time] Benefit/Cost (20%) Lane Width (10%) [Paved] Shoulder Width (10%) Congestion (V/C) (15%) Safety (15%) Totals: Weight: 70% Weighted Scor	0.00 25.00 0.00 9.10 33.74	Percent: 15% Points: 0	Percent: 15% Points: 100

Division Needs Total Score: 31.78

Quantitative Score		Division Engineer Local Input Points	MPO/RPO Local Input Points
Lane Width (10%) Safety (10%) [Paved] Shoulder Width (10%) [Travel Time] Benefit/Cost (10%) Congestion (V/C) (10%) Totals: Weight: 50% Weighted Score	25.00 33.74 0.00 0.00 9.10	Percent: 25% Points: 100	Percent: 25% Points: 0

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Project Data *

Existing Conditions

Existing Cross-Section: 52 Speed Limit: Length (miles); 24.64 Two Lane Highway Facility Type: Access Control: None Functional Classification: Major Collector Terrain Type: Level Lane Width: 11 Paved Shoulder Width: Roadway has Curb & Gutter? No Volume (AADT): 2137.39 15548.99 Capacity: Volume/Capacity Ratio: 0.14 % Autos: 88% % Trucks: 12% Truck Volume: 249.7 Crash Density: 34.66 Crash Severity: 27.9 Critical Crash Rate: 38.67 0 Crash Frequency: 0 Severity Index: County Tier Designation: Non-Interstate STRAHNET No Route? Average Commuting Time: 25 Existing Median Type (for Undivided Cost Estimation): Pavement Condition Rating: 85 Actual Congested Speed: 0.99 Travel Time Index: 55.84

Project Benefits

Project Cross-Section:	3A - 2 Lane with Two Way Left Turn Lane, and Paved Shoulders	
Speed Limit:	52	
Length (miles):	24.64	
Facility Type:	Two Lane Highway	
Access Control:	None	
Functional Classification:	Major Collector	
TerrainType:	Level	
DOT Design Lane Width:	12	
DOT Design Paved Shoulder Width:	0	
Travel Time Savings for 30 Years (Total):	0	
Travel Time Savings for 30 Years (Autos):	0	
Travel Time Savings for 30 Years (Trucks):	0	
Long-Term Employment:		
% Change in Economy:		
Provides Direct Connection to Transportation Terminal?	No	
Does project upgrade how the roadway functions?	No	
In CTP or LRTP?	Yes	
CTP/LRTP Name:	Northmapton County Comprehensive Transportation Plan	
CTP/LRTP Completion Year:	2012	
Submitted by:	Peanut Belt RPO	

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^{*} Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT Online tool and associated databases.

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Project Ownership

Division

Division	Percent	Regional Impact	Division Needs
Division 1	100%	0	100
	0%	0	0
	0%	0	0
TOTAL Division Points		0	100

MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
Peanut Belt RPO	100%	100	0
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		100	0

Project Cost and Source

Construction Cost:	\$340,000	Cost Estimation Tool
Right-of-Way Cost:	\$0	Cost Estimation Tool
Utilities Cost:	\$0	Cost Estimation Tool
Total Project Cost:	\$340,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$340,000	

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